



PATENT

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November 7, 2003

Date

*Denise Sheridan*  
Denise Sheridan

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Joseph J. Jeddeloh et al.

Attorney Docket No.: 501176.01

Serial No. : 10/601,222

Group Art Unit : 2818

Filed : June 20, 2003

Examiner : not yet assigned

Title : SYSTEM AND METHOD FOR SELECTIVE MEMORY MODULE POWER MANAGEMENT

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 09/994,516, describing and claiming subject matter that is similar to the subject matter of this application, was filed on November 26, 2001. This related application, as

well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/165,787, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 7, 2002. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/215,505, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 9, 2002. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/211,036, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 2, 2002. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/213,038, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 5, 2002. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/601,104, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 19, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/238,322, describing and claiming subject matter that is similar to the

subject matter of this application, was filed on September 9, 2002. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/232,842, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 29, 2002. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/601,253, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 20, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/232,473, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 29, 2002. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/601,252, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 20, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/222,415, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 16, 2002. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/222,393, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 16, 2002. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/645,288, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 20, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/625,132, describing and claiming subject matter that is similar to the subject matter of this application, was filed on July 22, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/644,522, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 19, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/660,844, describing and claiming subject matter that is similar to the subject matter of this application, was filed on September 12, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/651,801, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 28, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/665,904, describing and claiming subject matter that is similar to the subject matter of this application, was filed on September 18, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/653,044, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 28, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/460,588, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 11, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP



Edward W. Bulchis  
Registration No. 26,847

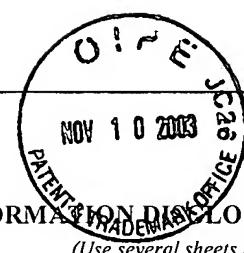
EWB:dms

Enclosures:

- Postcard
- Form PTO-1449
- Cited References (41)
- Copies of Related Applications (21)

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INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

ATTY. DOCKET NO. 501176.01 APPLICATION NO. 10/601,222

APPLICANT(S)  
**Joseph J. Jeddeloh et al.**

FILING DATE June 20, 2003 GROUP ART UNIT 2818

## U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE     | NAME               | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|----------|--------------------|-------|----------|----------------------------|
|                   | AA | 5,251,303       | 10/05/93 | Fogg, Jr. et al.   | 395   | 275      |                            |
|                   | AB | 5,432,907       | 07/11/95 | Picazo, Jr. et al. | 395   | 200      |                            |
|                   | AC | 5,442,770       | 08/15/95 | Barratt            | 395   | 403      |                            |
|                   | AD | 5,497,476       | 03/05/96 | Oldfield et al.    | 395   | 439      |                            |
|                   | AE | 5,659,798       | 08/19/97 | Blumrich et al.    | 395   | 846      |                            |
|                   | AF | 5,875,352       | 02/23/99 | Gentry et al.      | 395   | 843      |                            |
|                   | AG | 6,061,263       | 05/09/00 | Boaz et al.        | 365   | 51       |                            |
|                   | AH | 6,073,190       | 06/06/00 | Rooney             | 710   | 56       |                            |
|                   | AI | 6,105,075       | 08/15/00 | Ghaffari           | 710   | 5        |                            |
|                   | AJ | 6,137,709       | 10/24/00 | Boaz et al.        | 365   | 51       |                            |
|                   | AK | 6,144,587       | 11/07/00 | Yoshida            | 365   | 189.05   |                            |
|                   | AL | 6,167,465       | 12/26/00 | Parvin et al.      | 710   | 22       |                            |
|                   | AM | 6,167,486       | 12/26/00 | Lee et al.         | 711   | 120      |                            |
|                   | AN | 6,201,724 B1    | 03/13/01 | Ishizaki et al.    | 365   | 49       |                            |
|                   | AO | 6,233,376 B1    | 05/15/01 | Updegrove          | 385   | 14       |                            |
|                   | AP | 6,243,769 B1    | 06/05/01 | Rooney             | 710   | 56       |                            |
|                   | AQ | 6,285,349 B1    | 09/04/01 | Smith              | 345   | 147      |                            |
|                   | AR | 6,301,637 B1    | 10/09/01 | Krull et al.       | 711   | 112      |                            |
|                   | AS | 6,327,642 B1    | 12/04/01 | Lee et al.         | 711   | 120      |                            |
|                   | AT | 6,330,205 B2    | 12/11/01 | Shimizu et al.     | 365   | 230.06   |                            |
|                   | AU | 6,347,055 B1    | 02/12/02 | Motomura           | 365   | 189.05   |                            |
|                   | AV | 6,349,363 B2    | 02/19/02 | Cai et al.         | 711   | 129      |                            |
|                   | AW | 6,356,573 B1    | 03/12/02 | Jonsson et al.     | 372   | 46       |                            |
|                   | AX | 6,367,074 B1    | 04/02/02 | Bates et al.       | 717   | 11       |                            |

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449  
(REV.7-80)

NOV 10 2003

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
501176.01APPLICATION NO.  
10/601,222

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)

Joseph J. Jeddeloh et al.

FILING DATE

June 20, 2003

GROUP ART UNIT

2818

## U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE     | NAME              | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|----------|-------------------|-------|----------|----------------------------|
|                   | AY | 6,373,777 B1    | 04/16/02 | Suzuki            | 365   | 230.03   |                            |
|                   | AZ | 6,381,190 B1    | 04/30/02 | Shinkai           | 365   | 230.03   |                            |
|                   | BA | 6,421,744 B1    | 07/16/02 | Morrison et al.   | 710   | 22       |                            |
|                   | BB | 6,434,639 B1    | 08/13/02 | Haghghi           | 710   | 39       |                            |
|                   | BC | 6,463,059 B1    | 10/08/02 | Movshovich et al. | 370   | 389      |                            |
|                   | BD | 6,470,422 B2    | 10/22/02 | Cai et al.        | 711   | 129      |                            |
|                   | BE | 6,473,828 B1    | 10/29/02 | Matsui            | 711   | 104      |                            |
|                   | BF | 6,477,614 B1    | 11/05/02 | Leddige et al.    | 711   | 5        |                            |
|                   | BG | 6,477,621 B1    | 11/05/02 | Lee et al.        | 711   | 120      |                            |
|                   | BH | 6,496,909 B1    | 12/17/02 | Schimmel          | 711   | 163      |                            |
|                   | BI | 6,505,287 B2    | 01/07/03 | Uematsu           | 711   | 170      |                            |
|                   | BJ | 6,539,490 B1    | 03/25/03 | Forbes et al.     | 713   | 401      |                            |
|                   | BK | 6,552,564 B1    | 04/22/03 | Forbes et al.     | 326   | 30       |                            |
|                   | BL | 6,587,912 B2    | 07/01/03 | Leddige et al.    | 711   | 5        |                            |
|                   | BM | 6,594,713 B1    | 07/15/03 | Fuoco et al.      | 710   | 31       |                            |
|                   | BN | 2003/0043426 A1 | 03/06/03 | Baker et al.      | 359   | 109      |                            |
|                   | BO |                 |          |                   |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
|  |    |                 |      |         |       |          | YES         | NO |
|  | BP |                 |      |         |       |          |             |    |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |   |
|----|---|
| BQ | Micron Technology, Inc., "Synchronous DRAM Module 512MB/1GB (x72, ECC) 168-PIN Registered FBGA SDRAM DIMM, Micron Technology, Inc., 2002, pp. 1-23. |
|----|---|

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).